

Converting Colors

CIELCh(69, 4.874, 79.035)

Have a look what the booklet for
CIELCh(69, 4.874, 79.035) contains.

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Color

CIELCh(69, 4.937, 81.682)

Conversions

Conversions Part 1

Format	Color
Hex	AEA8A0
RGB	174, 168, 160
RGB Percent	68%, 66%, 63%
CMY	0.3191, 0.3427, 0.3740
CMYK	0.00, 0.03, 0.08, 0.32
HSL	34°, 8%, 65%
HSV	34°, 8%, 68%
XYZ	37.6148, 39.3444, 38.6966
YIQ	168.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

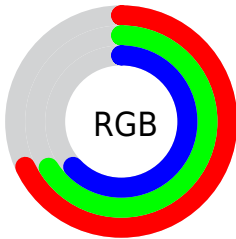
Format	Color
RYB	171, 174, 160
Decimal	11446432
CIELab	69.00, 0.71, 4.89
CIElCh	69, 4.937, 81.682
Yxy	39.3444, 0.3252, 0.3402
Android (android.graphics.Color)	4289636512 (0xFFFAEA8A0)
YUV	168.8820, -4.3788, 4.4885
Hunter-Lab	62.7251, -2.7266, 7.3302

Details

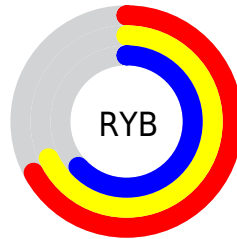
The CIELCh color **69, 4.937, 81.682** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 4.894, 263.868**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 4.674, 81.893**, and **49, 4.785, 78.144** is the 20% darker color. If you saturate the color by 10%, you get **67, 11.263, 80.460**, and if you desaturate by 10%, it is **71, 1.178, 263.238**.

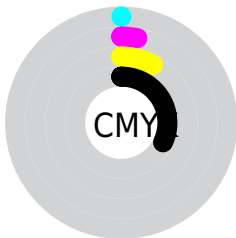
Distribution



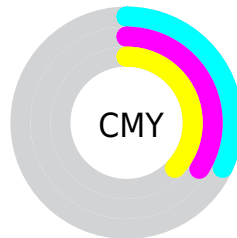
- Red (68%)
- Green (66%)
- Blue (63%)



- Red (67%)
- Yellow (68%)
- Blue (63%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (32%)




- Cyan (32%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 4.937, 81.682 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 4.937, 81.682 by changing the saturation by 10% instead.

 69, 4.937, 81.682  69, 4.937, 81.682

 100, 4.937, 81.682  59, 4.937, 81.682

 89, 4.937, 81.682  49, 4.937, 81.682

 99, 4.937, 81.682  39, 4.937, 81.682

 29, 4.937, 81.682

 19, 4.937, 81.682

 9, 4.937, 81.682

 0, 4.937, 81.682

 69, 4.937, 81.682  69, 4.937, 81.682

 67, 11.263, 80.460  71, 1.178, 263.238

64, 17.806, 79.159

74, 7.100, 264.235

62, 24.564, 77.823

76, 12.846,
265.367

60, 31.505, 76.453

79, 18.433,
266.462

58, 38.549, 75.038

55, 45.519, 73.542

81, 23.877,
267.510

53, 52.073, 71.884

84, 25.165,
263.344

52, 57.616, 69.899

50, 61.608, 67.428

86, 23.051,
252.805

88, 21.821,
240.771

90, 21.599,
228.052

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 4.937, 81.682



68, 4.894, 263.868

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 4.937, 81.682



69, 4.937, 131.682



69, 4.937, 261.682



69, 4.937, 311.682

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 4.938, 81.704



90, 1.502, 82.284



67, 6.325, 348.045



48, 0.860, 82.284



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 4.938, 81.704



87, 7.647, 81.449



71, 7.625, 112.117



35, 3.473, 81.555



43, 56.084, 67.418



4, 6.730, 72.803

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68, 4.894, 263.868



85, 7.550, 264.155



66, 7.772, 293.522



35, 3.434, 264.034



29, 55.042, 289.622



2, 7.836, 269.826

Previews

White Background



This preview shows how the CIELCh color 69, 4.937, 81.682 looks on a white background.

Color Contrast Check

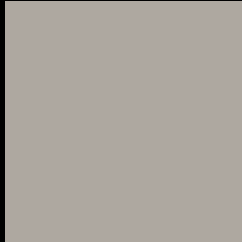
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 4.937, 81.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

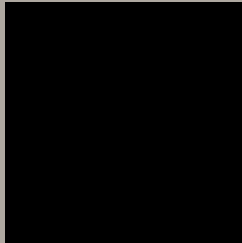
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

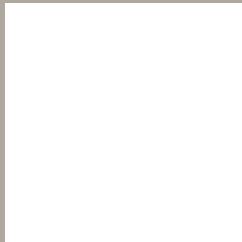
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 4.937, 81.682

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.937, 81.682.



This preview shows how white text looks on a background with the CIELCh color 69, 4.937, 81.682.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


69, 4.937, 81.682

Protanopia

69, 4.769, 85.821

Deuteranopia

69, 9.838, 26.573



Tritanopia
69, 8.278, 320.479

Trichromacy



Original Color
69, 4.937, 81.682

Protanomaly
69, 4.769, 85.821

Deuteranomaly
69, 7.536, 41.126

Tritanomaly
69, 4.395, 341.090

Monochromacy



Original Color
69, 4.937, 81.682

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.569, 63.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 4.937, 81.682 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(174, 168, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 168, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.937, 81.682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 168, 160) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 168, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(174, 168,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.937, 81.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 168, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
168, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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